**R Thilagavathi**

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**Principal Engineer**

Senior IT professional with over 16 years of experience in the development of scalable, performance-oriented Applications/Services using C#.NET, Windows forms, WPF (MVVM), Web APIs, ASP.NET, WCF, Wix, Jenkins, Azure Devops, AWS, SQL Server, SQL Server Reporting Services(SSRS) and Entity Framework, PowerShell Automation. Seeking challenging senior assignments with a reputed organization to utilize acquired skills in accomplishing organizational growth objectives.

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| **Core Strength**   * Software Architecture and Design * Leadership & Team Management * Performance Optimization * Application Debugging * Technical Query Resolution * Mentoring * Cyber Security Champion * Client Interaction   **Technical Skills**   * Microsoft Technologies: C#, WPF, Windows Forms, ASP.NET, WCF, Windows services, Web services * RDBMS: SQL Server and SQL Server reporting services (SSRS). * Tools: Enterprise Architect, Moq, Jenkins, Wireshark * Version Control: Git, TFS, Clearcase, VSS, SVN, MKS | **Profile Summary**   * Expertise in the end-to-end development of projects, possessing an in-depth knowledge of technology, and a strong focus on delivering effective business solutions. * Expertise in Application Architecture, Design pattern and UML. * Ensure effective resolution of technical queries from clients and other stakeholders aimed at seamless operations. * Render technical guidance to development and testing teams and participate in code reviews and QA reports based on functional and non-functional requirements. * Prepare and maintain updated technical documentation, architecture specifications, and testing. * Define and implement development guidelines and coding standards. * Developed Proof of concept (POC). * Cyber Security Champion for about 10 Projects * Performance and memory optimization using Ants Profiler, Performance Profiler * Expertise in creating CI/CD Pipelines using Azure Devops, Jenkins. Also developed installers with WIX. Managed 10 Projects Installer Setups. * Expert in analyzing network issues with Wireshark (TCP/IP, UDP Protocols), Fiddler * Bravo Awards, Individual Excellence Awards, Spot Awards, Team Excellence Awards, Partner Awards. |

**Career Graph**

**Autodesk, Pune, India**

Principal Engineer May 2022 – Aug 2023 / Present

*Accountabilities:*

* Involved in recruiting, grooming, and mentoring a team consisting of Engineers, Senior Engineers, and Principal Engineers.
* Spearhead Scrum ceremonies and interact with the stakeholders to ensure seamless implementation of the assigned project phases.
* Design, Development, and Delivery of the product.
* Highlight critical technical issues and other operational bottlenecks to the senior management for implementing effective remedial measures

**Johnson Controls, Bangalore, India**

Lead Engineer Mar 2017 – Apr 2022

*Accountabilities:*

* Involved in architecture, design, development, and delivery of Integration Driver for DSC Pro Panel
* Led all scrum ceremonies as a Scrum Master
* Collaborated with the internal and external stakeholders in ensuring compliance with the project delivery schedules and other SLA parameters.
* Interacted with the clients for collating and evaluating requirements and rendering customized solutions. Enhanced client satisfaction by effectively resolving the reported issues and rendering superior quality service.
* Developed Simulators for Security Panels and devices for Performance Benchmarking
* Focused on Performance Benchmarking of the Integration Driver
* Implemented new Encrypted handshaking models for secured communication between Integration Driver and Security Panel

**Previous Engagements**

**Honeywell, Bangalore, India**

Tech Lead Jan 2009 – Feb 2017

Engineer/Senior Engineer Aug 2003 – Dec 2008

**Education**

* **M Tech in Computer Science,** Jain University, India 2015
* **B.E in Computer Science & Engineering,** RVS College of Engineering & Technology, India 2002

**Training and Certifications**

* AWS (AWS Certified by Edureka)
* Six Sigma Green Belt(by Honeywell)
* Certified Scrum Master (from Scrum Alliance)